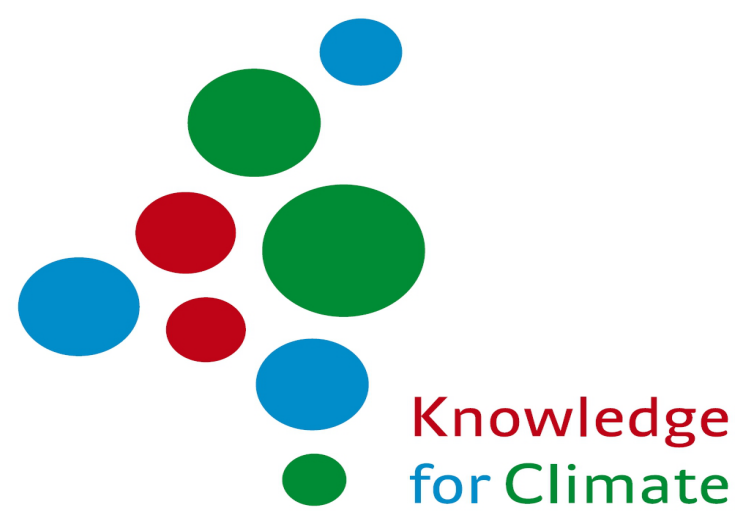


The RESILIENCE Climate Service for Energy

Predicting Renewable Power over Future Monthly to Decadal Timescales



“[Renewable] energy provision may be anticipated, not only in the short and long term as it is today, but also at intermediate horizons, where a huge market niche appears.” Ignacio Lainez Aracama, Professor of Wind Energy, EOI and Director of Energy Assessments, EDP

MINIMISE UNCERTAINTY

The RESILIENCE service offers climate prediction reports tailored to the energy sector. It represents the cutting-edge in climate science, to predict how future climate variability will affect renewable power generation.

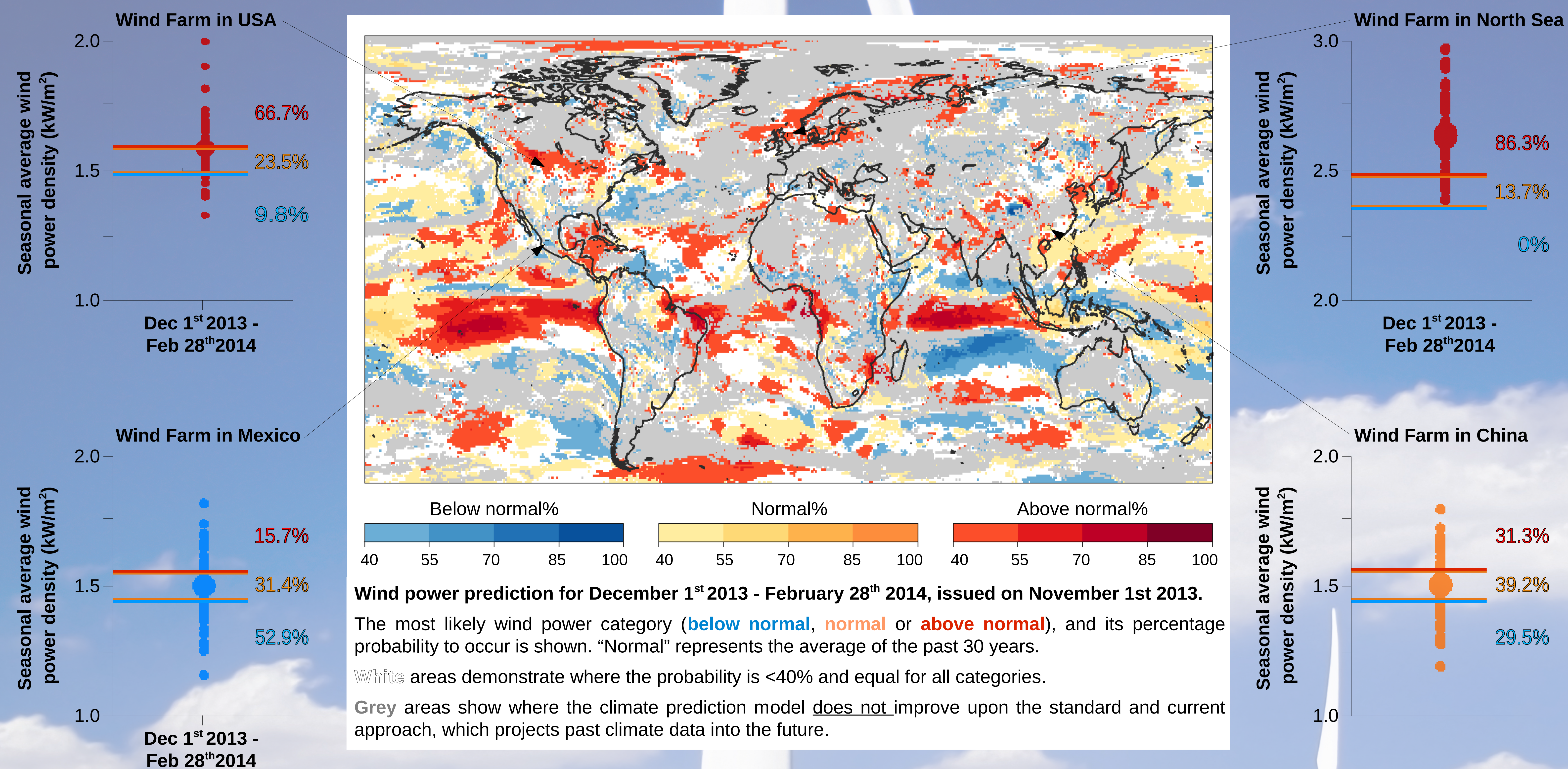
MANAGE RISK

Climate predictions represent the most robust information currently available, by demonstrating a range of possible scenarios for future power generation, as well as a probability of which will be the most likely outcome.

OPTIMISE STRATEGIES

Significant cost savings can be made with a better anticipation of market changes, thus identifying vulnerabilities and risks in advance. This, in turn, can facilitate calculated and precautionary climate adaptation action.

Illustrative examples of seasonal wind power predictions



Logistical planning for energy managers & traders: improving predictions of renewable power generation, from one month to one year ahead, can have an impact on its market price and stability.

Strategic planning for energy investors & developers: improving the prediction of a renewable energy project's power generation, from one year to its full lifetime, is crucial to its successful development, and a strong and consistent return on investment.